

Texas Department of Public Safety Texas Division of Emergency Management

Texas State Operations Center



Situation Awareness Brief



Tuesday, January 16th 2018
As of 0900 CST

Incidents Reported to the State Operations Center (last 24 hours)

DATE	EVENT / INCIDENT	LOCATION (City/County)	Final Report: Y/N
01/15/18	Silver Alert Discontinuation for the San Antonio Police Department	Bexar County	Y
01/15/18	Silver Alert Continuation for the Midland Police Department	Midland County	N
01/15/18	Initial Report of a Road Closure (FM 111)	Jackson County	N
01/15/18	Activation of State Operations Center (SOC) to Level III (Increased Readiness)	Travis County	N
01/15/18	Initial Report of the Brushline/186 Wildfire	Hidalgo County	N
01/15/18	Update Report #1 of Road Closure (FM 111)	Jackson County	N
01/15/18	Silver Alert Continuation for the Midland Police Department	Midland County	Y
01/15/18	Final Report of Brushline/186 Wildfire	Hidalgo County	Y
01/16/18	Final Report of a Road Closure (FM 111)	Jackson County	Y

Informational Products

Distributed by the State Operations Center

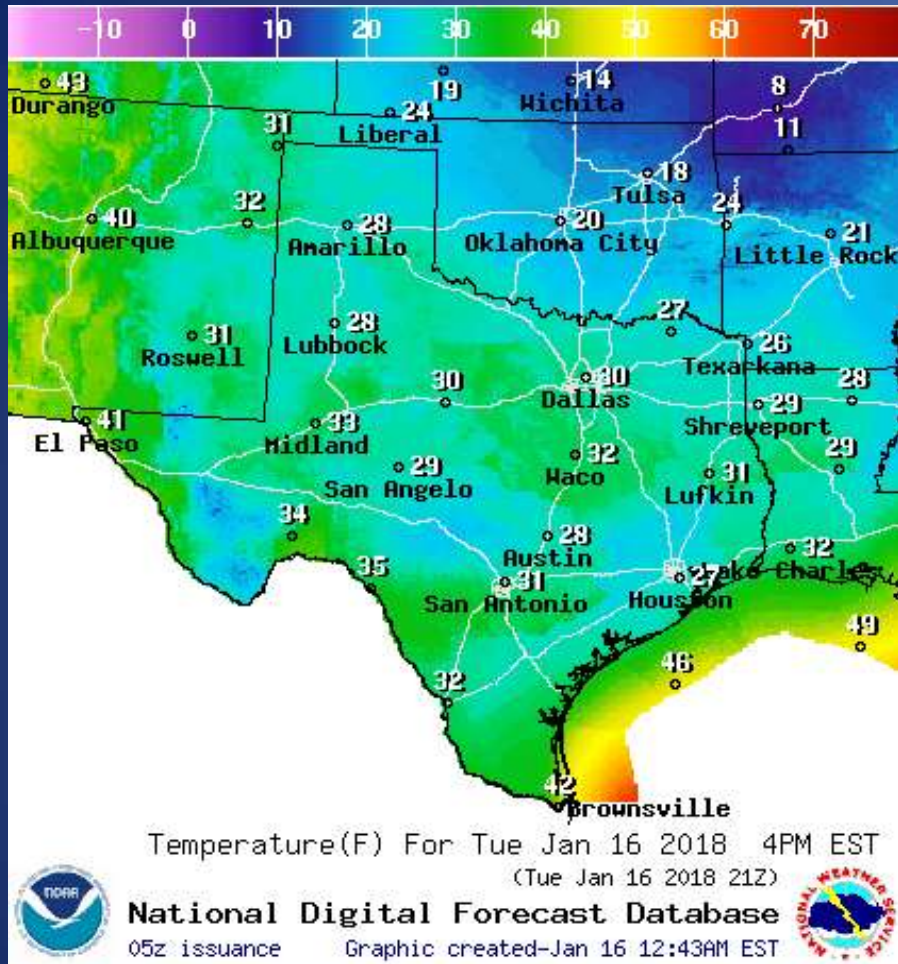
DATE	SUBJECT
01/15/18	NWS Fort Worth UPDATE: Wintry Precipitation Tonight/Wednesday
01/15/18	NWS Lake Charles Winter Weather Update: 1230 pm Monday
01/15/18	NWS Houston- Update: Cold Temperatures and Wintry Mix on Tuesday 011418
01/15/18	FYSA **Weather Update**: Very Cold and Possible Winter Weather Across the Area Tuesday through Thursday
01/15/18	NWS Brownsville/Rio Grande Valley Briefing Slides from 1 PM January 15 Webinar
01/15/18	NWS El Paso Weather Hazards Outlook Monday Jan 15 Issuance
01/15/18	NWS Shreveport Winter Weather Threat for January 15 - 16, 2018
01/15/18	NWS Austin/San Antonio Deteriorating Wintry Conditions Overnight through Tuesday Morning from North to South
01/15/18	NWS Houston/Galveston Briefing Slides on Winter Weather for SE Texas on Tuesday
01/15/18	NWS Houston/Galveston Winter Weather Webinar from NWS Houston 10 am Tuesday 01/16/18
01/15/18	NWS Shreveport LA is Now Scheduling SKYWARN Classes for Spring 2018

Informational Products

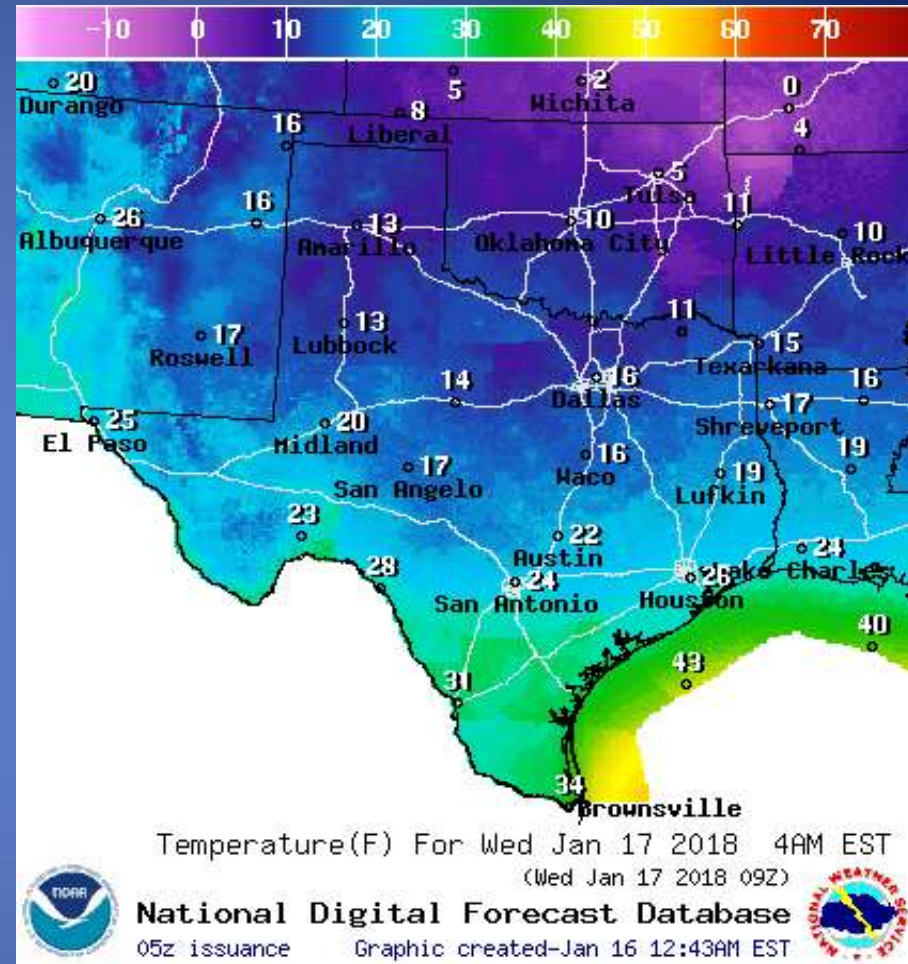
Distributed by the State Operations Center

DATE	SUBJECT
01/15/18	NWS Houston/Galveston Update: Winter Weather Tonight and Tuesday
01/15/18	NWS Austin/San Antonio: UPDATE: 0600 AM Winter Update
01/16/18	NWS El Paso Public Information Statement: Spotter Reports
01/16/18	NWS Fort Worth- UPDATE: Wintry Precipitation Tonight/Wednesday
01/16/18	NWS Houston/Galveston Update: Today's Winter Weather Event
01/16/18	CORRECTION: NWS Shreveport Updated Winter Weather Products for Jan. 16-17,
01/16/18	NWS El Paso Public Information Statement: Spotter Reports
01/16/18	Daily NWS Threat Brief for Monday, January 15, 2018 for FEMA Region 6
01/16/18	NWS Lake Charles: Winter Weather Update: 830am Tuesday 1.16.18

Weather Forecast

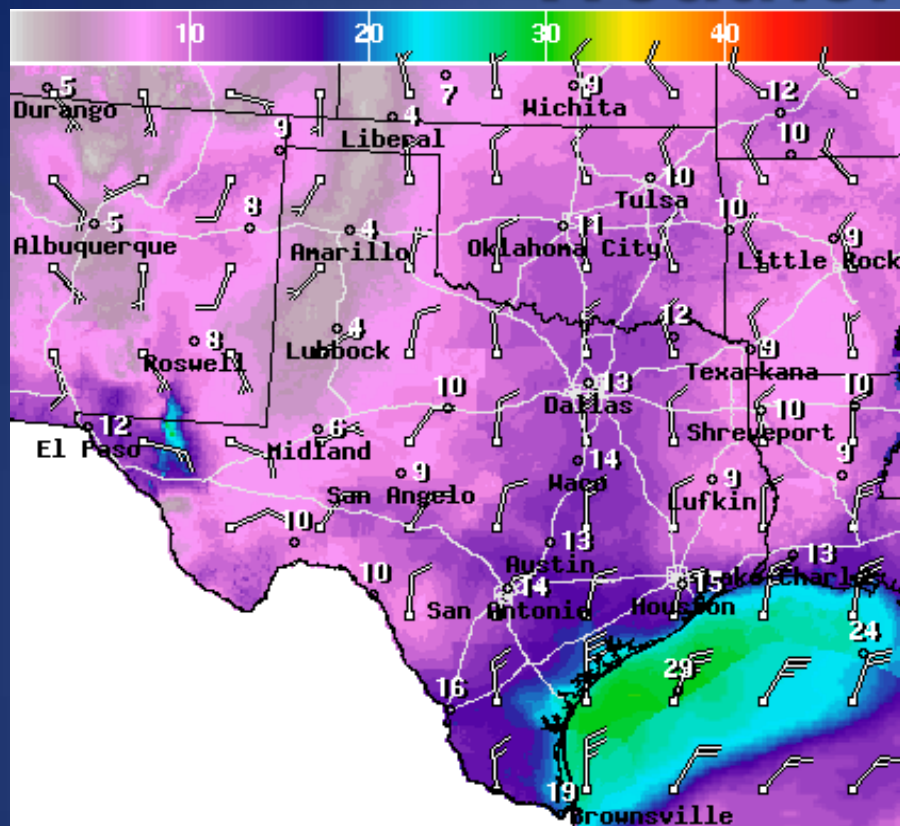


Highs



Lows

Weather Forecast



WindSpd(Kts) & WindDir For Tue Jan 16 2018 4PM EST

(Tue Jan 16 2018 21Z)



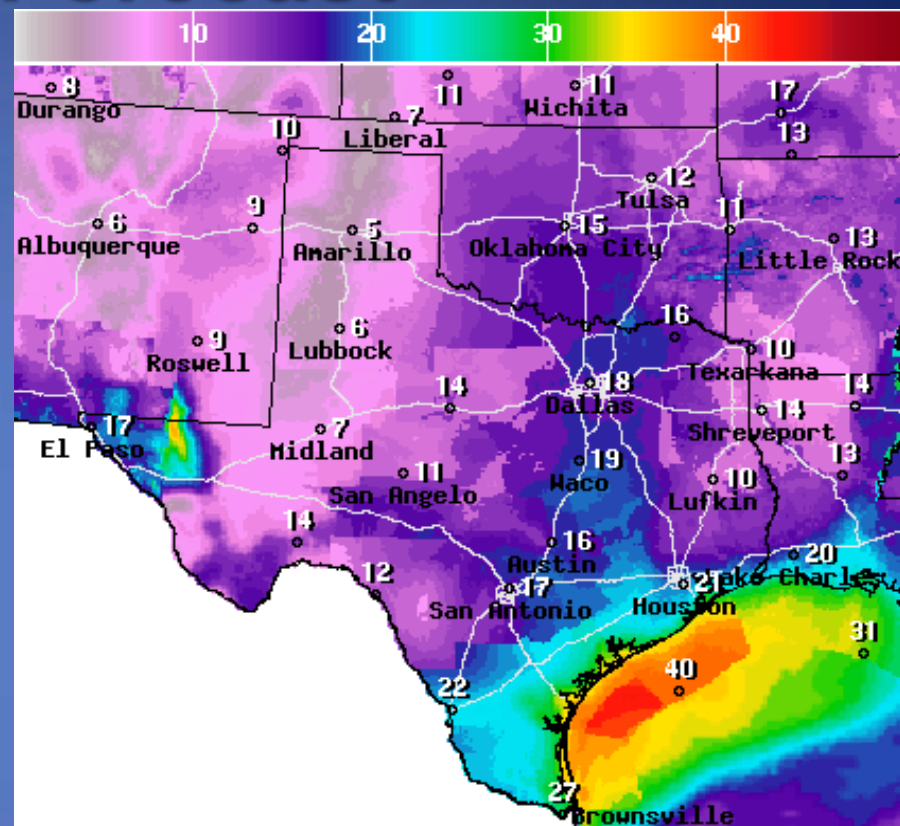
National Digital Forecast Database

05z issuance

Graphic created-Jan 16 12:47AM EST



Wind Speeds



Wind Gust(Kts) Tue Jan 16 2018 4PM EST

(Tue Jan 16 2018 21Z)



National Digital Forecast Database

05z issuance

Graphic created-Jan 16 12:34AM EST



Gusts

Hazardous Weather

Highlighted Area: FEMA Region 6

Last Updated: Jan 16 2018 0629 AM CST

Valid Until: Jan 17 2018 0600 AM CST

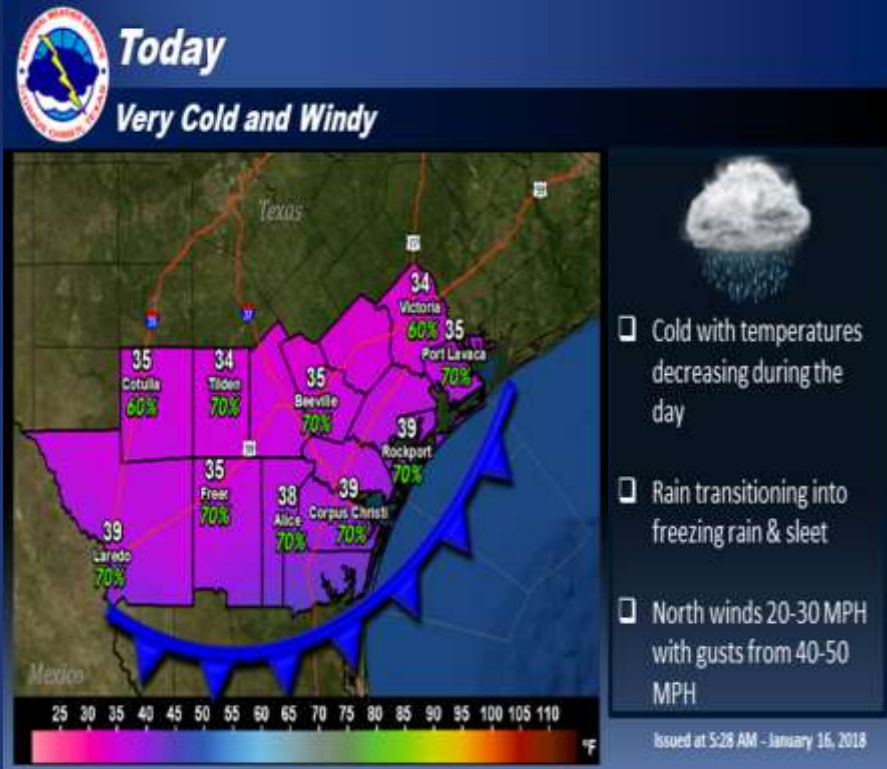
Severe Weather Outlook Tuesday, January 16, 2018



National Weather Service
Storm Prediction Center

<http://www.spc.noaa.gov>

Hazardous Weather



A strong arctic cold front has already pushed through South Texas this morning. Temperatures will continue to drop throughout the day. Rain will gradually transition to a freezing rain and sleet mixture. Travel will become hazardous later today. Be sure to take the proper precautions before heading out the door.



Today's winter weather event will create hazardous road conditions. Avoid traveling if possible.

Hazardous Weather

Current Winter Weather Headlines

Weather Forecast Office
Shreveport, LA



Impactful wintry conditions occurring now!

Issued Jan 16, 2018 5:50 AM CST

Winter Weather Advisory now set to expire at 9 AM CST
Accumulations: Light snow of less than 1 inch.

Impacts: Elevated surface such as bridges and overpasses may become hazardous.

Winter Weather Warning will now expire at noon CST

Accumulations: Light to moderate snow of 2-3 inches of snow will locally higher amounts of around 4 inches underneath heavy snow bands.

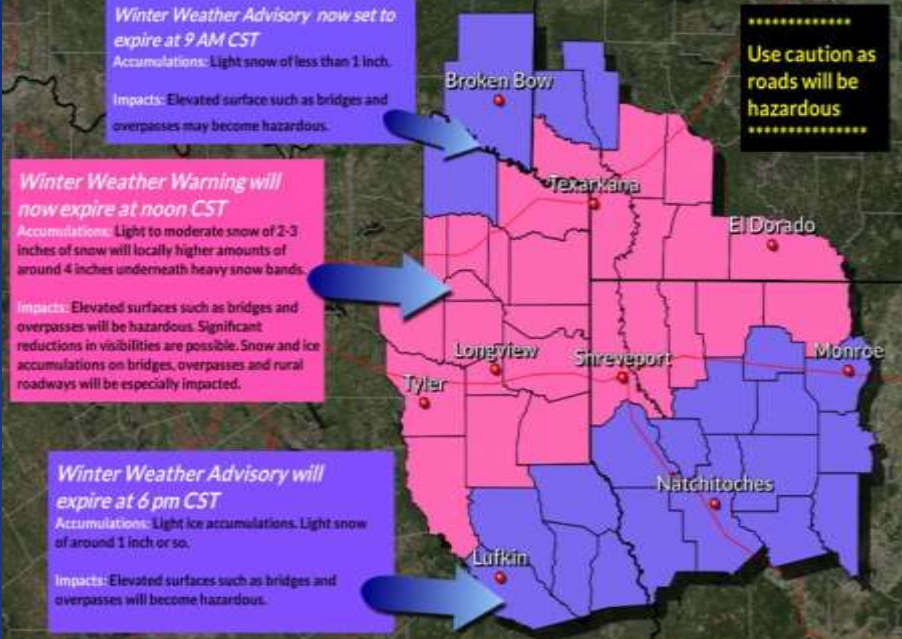
Impacts: Elevated surfaces such as bridges and overpasses will be hazardous. Significant reductions in visibilities are possible. Snow and ice accumulations on bridges, overpasses and rural roadways will be especially impacted.

Winter Weather Advisory will expire at 6 pm CST

Accumulations: Light ice accumulations. Light snow of around 1 inch or so.

Impacts: Elevated surfaces such as bridges and overpasses will become hazardous.

Use caution as roads will be hazardous



f t v NWSShreveport

weather.gov/shv

A Winter Weather Advisory is now in effect across southeast OK, portions of northeast TX and portions of southwest AR until 9 AM, as light snowfall of less than 1 inch is expected. A Winter Weather Warning is now in effect across portions of east TX, northeast TX, northwest and northeast LA and southwest AR until noon as light to moderate snowfall of 2-3 inches are expected. A Winter Weather Advisory remains in effect across deep East Texas, central Louisiana, and portions of northeast Louisiana until 6 pm Tuesday, as light snowfall of less than 1 inch is expected. Stay Alert! Stay alert to the latest weather information!



Winter Storm Warning and Advisories now in effect for South-Central Texas

National Weather Service Austin / San Antonio

4:30 AM 1/16/2018

Winter Storm Warning Area



Winter Weather Advisory Area

Winter Storm Warning in effect through 6 pm Tuesday

Winter Weather Advisory in effect through 6 pm Tuesday

Impacts

- Moderate to High Travel and Road impacts likely in Winter Storm Warning area due to ice and sleet accumulations
- Bridges, Overpasses, and Flyways could be extremely dangerous.
- Primary and secondary roads may also be affected.
- Please avoid all non-essential travel



@NWSSanAntonio
weather.gov/ewx

A Winter Storm Warning and Winter Weather Advisory are in effect for South-Central Texas. Locations in the warning area could see a mix of freezing rain and sleet accumulations of around 1/10 of an inch to up to 1/4 of an inch resulting in significant and dangerous travel impacts through late Tuesday afternoon. Slightly less amounts of sleet and freezing rain are expected in the advisory areas, but roads could still be dangerous. There is also a chance snow could mix in across some areas along the Rio Grande, Hill Country, and Central Texas before the precipitation ends late this afternoon. Please avoid any non-essential travel Tuesday morning and afternoon.

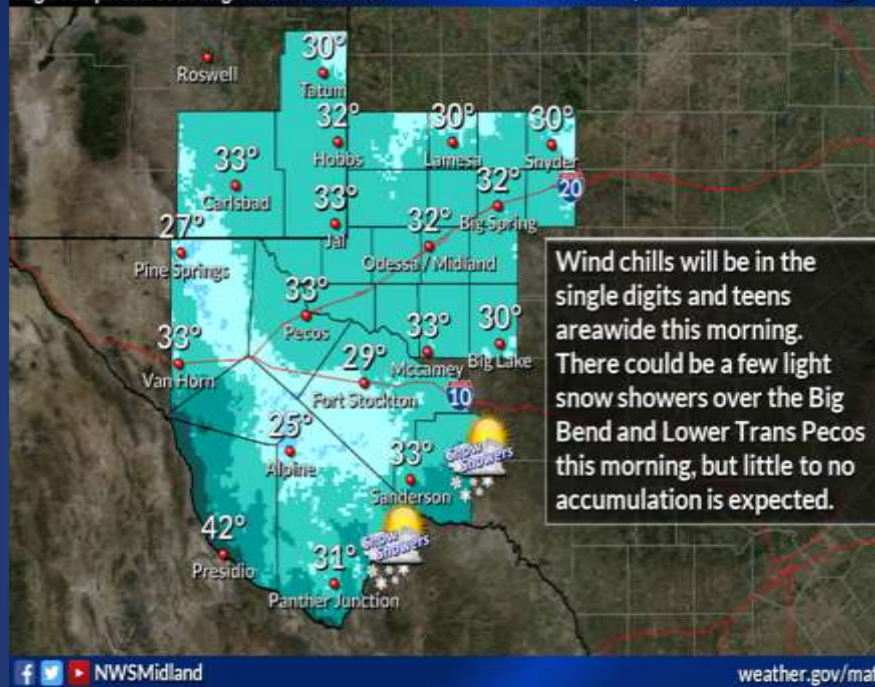
Hazardous Weather

Cold Today

High Temperatures 25 degrees Below Normal

Weather Forecast Office
Midland/Odessa, TX

Issued January 16, 2018 3:21 AM CT



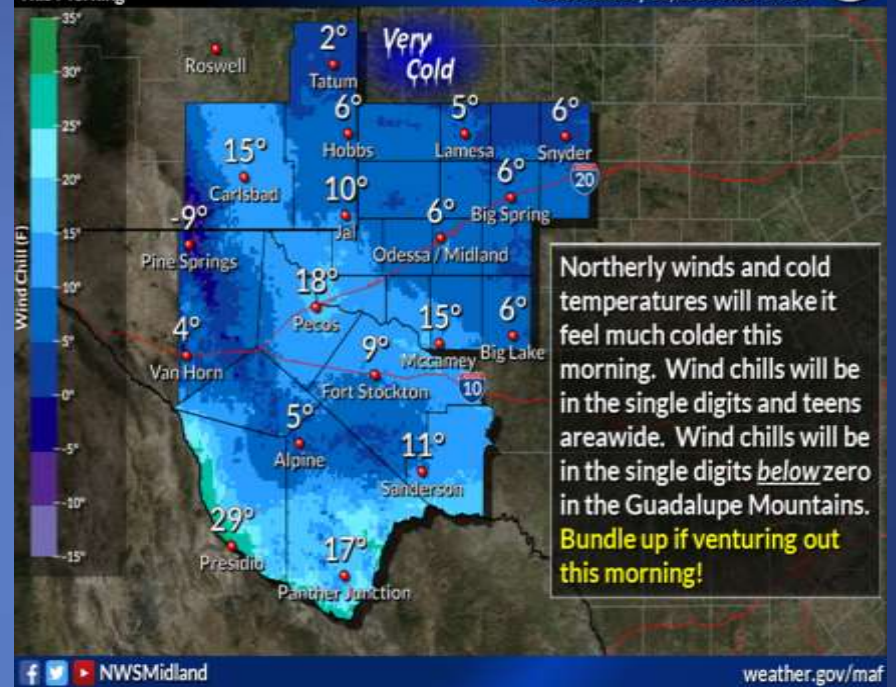
High temperatures will be around 25 degrees below normal today. There may be a few snow showers over the Big Bend region and Lower Trans Pecos, but little to no accumulation is expected.

Wind Chills

This Morning

Weather Forecast Office
Midland/Odessa, TX

Issued January 16, 2018 3:32 AM CT



Wind chills in the single digits and teens will occur across southeast New Mexico and west Texas this morning. The Guadalupe Mountains will have wind chills in the single digits below normal. Please bundle up if heading outdoors this morning!

Hazardous Weather

High Wind Warning

This afternoon through Tuesday morning

Weather Forecast Office
Midland/Odessa TX

Issued January 15, 2018 2:01 PM CDT



Where...
+ Guadalupe Pass

Wind Speed and Direction...
+ Northeast to east 40-50 mph with gusts to 60 mph.

Impacts...
+ Winds could make for difficult driving conditions.
+ Motorists driving high profile vehicles such as campers, vans and tractor trailers should exercise caution.



NWSMidland

weather.gov/maf

A High Wind Warning is in effect for Guadalupe Pass this morning until 800 am MST.

This Morning

Light Winter Precipitation Ending

Winter Wx Advisory thru 9 am

Patchy sleet and light snow this morning.

Most areas will see trace amounts

Junction to Mason area could see accumulation of ice on bridges and overpasses

Bitterly cold this morning.
Wind chills in the single digits and teens.



Light sleet and snow will continue for a few hours this morning, mainly east of an Ozona to San Angelo to Brownwood line. Most areas will only see trace amounts. The heaviest precipitation will fall near Junction and Mason. Watch for patchy ice.

Hazardous Weather

Wind Chill Advisory Until 9 AM

- Until 9 AM CST
- Wind Chills of -5 to -10 degrees
- Frost bite and hypothermia can occur if precautions are not taken. Make sure you wear a hat and gloves.



National Weather Service - Amarillo

Issued: 1/16/2018 3:15 AM



Wind chill values are expected to dip into the five below to 10 below zero range through mid morning as Arctic air filters into the area. A wind chill advisory has been issued for the Oklahoma Panhandle and portions of the northern and eastern Texas Panhandle where winds should stay breezy enough to meet the criteria. The Wind Chill Advisory will expire at 9AM.

Chilly and blustery

Weather Forecast Office

El Paso, TX

Issued January 15, 2018 7:51 PM CDT



TUESDAY

**Temperatures
well below
normal**

**East winds
15 to 25 mph,
lighter in the
afternoon**



f t NWSElPaso

weather.gov/epz

A cold front which swept westward across the Borderland Monday evening will allow cold arctic air to become firmly entrenched over us today and again on Wednesday, under mostly cloudy skies. East winds of 15 to 25 mph will persist into the afternoon before diminishing some. Wind gusts up to 40 mph will continue through the morning hours along the west slopes of the Franklin Mtns, creating a blustery day for all. High temperatures will be about 10-15 degrees below normal, and 20-25 degrees colder than Monday. Wind chill temperatures could be as low as 10 degrees in breezy areas.

Hazardous Weather

Bitterly Cold Tonight

Brrrrrr!

Lows in the teens

Single digits in low lying river valleys and rural areas

Wrap exposed pipes

Keep pets warm

Take care of sensitive livestock.

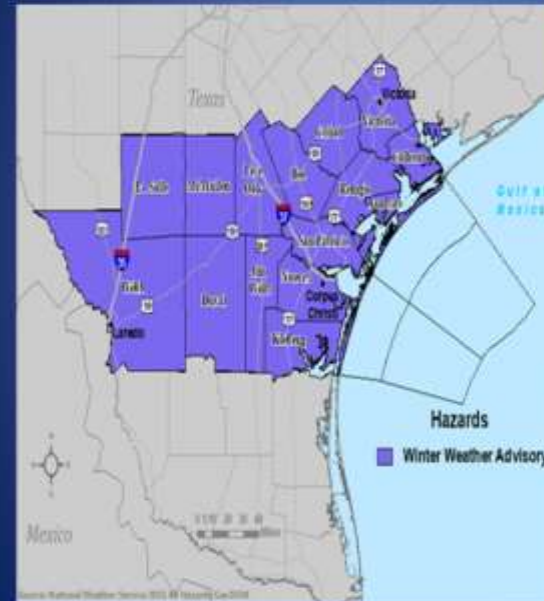


Arctic air over the area will linger tonight. With light winds and clearing skies, temperatures will drop into the teens by morning.



Winter Weather Advisory

Today and Tonight



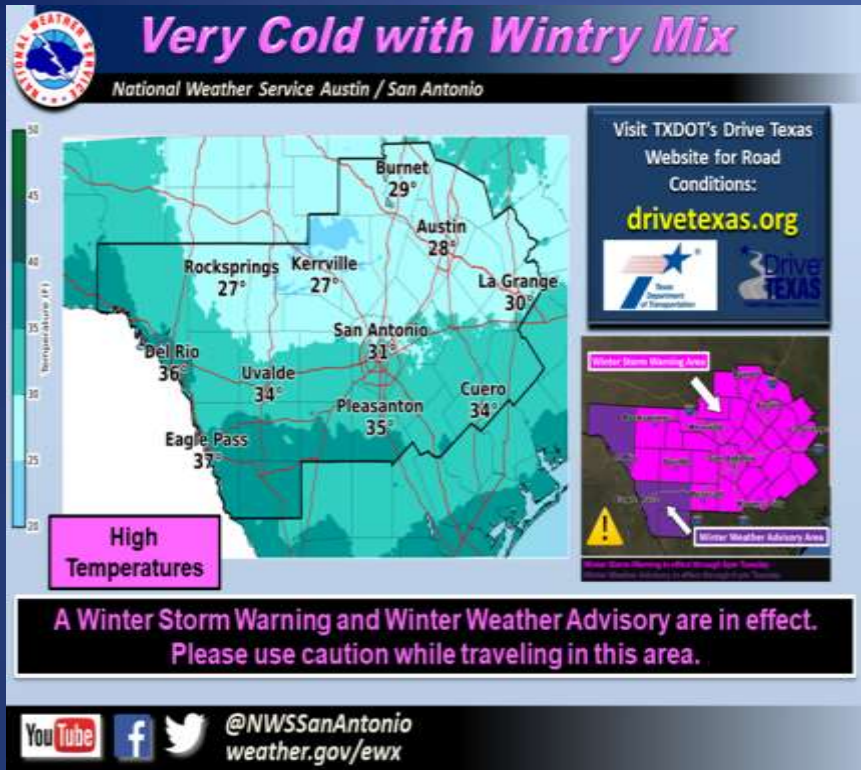
Impacts:

- ☐ Light freezing rain and sleet are expected..
- ☐ Light ice accumulations up to a tenth of an inch are possible.
- ☐ Even the smallest ice accumulation will make travel difficult Tuesday through Wednesday morning.

Issued at 6:15 AM - January 16, 2018

A Winter Weather Advisory is now in effect into tonight. Rain will transition to light freezing rain and sleet from north to south during the morning hours. Freezing precipitation should be area wide by Tuesday afternoon. Light ice accumulations up to a tenth of an inch are possible. Travel will be difficult Tuesday through Wednesday. Be cautious and take the proper precautions before you head out the door.

Hazardous Weather



A wintry mix precipitation event is ongoing across most areas with very cold temperatures in store through the period. A few hundredths of an inch of freezing rain and sleet accumulation is expected with isolated higher amounts possible. A very dangerous day for traveling across area roads, highways, bridges and overpasses. Some light snow is possible across the Hill Country and southern Edwards Plateau before precipitation ends later this afternoon.



Hazardous Weather



Gale Warning

Gale Warning for Gulf Waters through Midnight Impacts:



- Gulf Waters: Strong north winds 25 to 30 knots with frequent gusts 40 to 45 knots
- Seas 7 to 10 feet Nearshore
Seas 9 to 12 feet Offshore with occasional seas to 15 feet
- Bays north wind 25 to 30 knots with gusts to 35 knots. Bays rough to occasionally rough
- ✓ Inexperienced mariners and/or those in small craft avoid these conditions

Issued at 6:41 AM - January 16, 2018

A strong arctic cold front slammed through South Texas early this morning. North winds from 25 to 30 knots with gusts from 40 to 45 knots can be expected throughout the day. A Gale Warning is in effect through midnight for the Gulf waters. The Gale Warning expires at 4 PM for the bays.



Today

Very Cold and Windy



- Cold with temperatures decreasing during the day
- Rain transitioning into freezing rain & sleet
- North winds 20-30 MPH with gusts from 40-50 MPH

Issued at 5:28 AM - January 16, 2018

A strong arctic cold front has already pushed through South Texas this morning. Temperatures will continue to drop throughout the day. Rain will gradually transition to a freezing rain and sleet mixture. Travel will become hazardous later today. Be sure to take the proper precautions before heading out the door

Hazardous Weather



Wind Chill Advisory

Today through Wednesday Morning

Impacts:

- ❑ Bee, Goliad, Victoria
Calhoun Counties: Wind
Chill Warming ($< 15^{\circ}\text{F}$)
Noon – 6pm Today
- ❑ All of South Texas: Wind
Chill Advisory ($16\text{--}25^{\circ}\text{F}$)
Now through 10AM Wed.
- ❑ Make sure to wear a hat
and gloves! Frost bite
and hypothermia can
occur with prolonged
exposure if precautions
are not taken.

Issued at 6:15 AM - January 16, 2018



Very cold wind chill values will occur today through tonight and into Wednesday morning. Wind chill advisories are in effect for all of South Texas through 10am. Between noon and 6pm, a wind chill warning is in effect for the Victoria Crossroads region.



Tonight

Freezing Temps



- ❑ Cloudy
- ❑ Freezing rain/sleet
chances diminish
overnight
- ❑ Water on roadways may
freeze resulting in
hazardous travel.

Issued at 5:28 AM - January 16, 2018

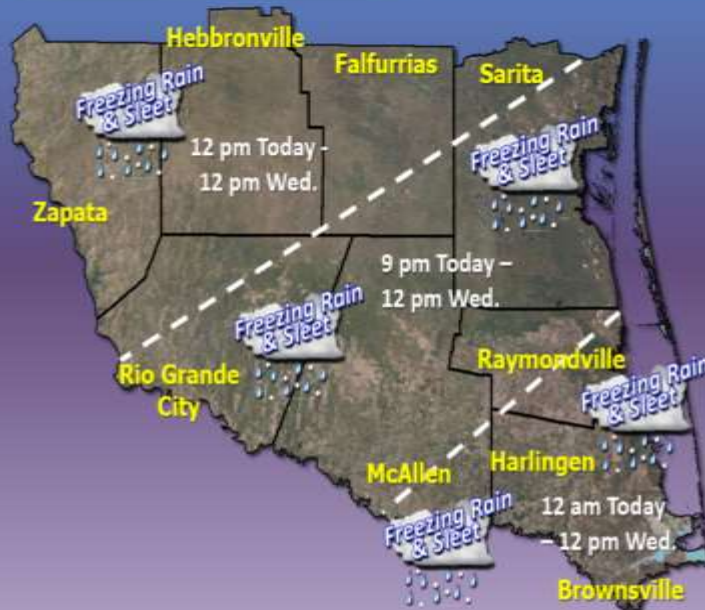
Temperatures will continue to fall into the 20s across the region in the wake of this morning's cold front. Freezing rain and sleet will diminish tonight across the region. Wind chills will range from the mid to upper teens to the mid 20s tonight. Travel will be dangerous tonight as a result of icing on the roadways.

Hazardous Weather



Timing for the Potential of Wintry Precipitation

Published: Tuesday, January 16, 2018



Here is the latest timing estimate for the potential of wintry mix consisting of sleet and freezing rain across deep south Texas for today into Wednesday. Roads will become slippery with any icy conditions and will result in difficult travel conditions, including during rush hour Tuesday evening and Wednesday morning. Slow down and use caution while driving. The latest road conditions for the state can be obtained by calling 511 or visiting drivetexas.org. Outside of the wintry precipitation chances, expect a soggy day with overcast skies and light rain or drizzle.



Warnings and Advisories

Wind Advisory: Kenedy, Coastal Willacy, Coastal Cameron

From 5 am Tuesday until 6 pm Tuesday.

Wind Chill Advisory: Zapata, Jim Hogg, Brooks, Kenedy

From 12 pm Tuesday until 6 pm Wednesday

Wind Chill Advisory: Starr, Hidalgo, Inland Willacy, Inland Cameron

From 3 pm Tuesday until 6 pm Wednesday

Wind Chill Advisory: Coastal Willacy, Coastal Cameron

From 3 pm Tuesday until 12 pm Wednesday

Wind Chill Warning: Starr, Hidalgo, Inland Willacy, Inland Cameron

From 10 pm Tuesday until 12 pm Wednesday

Freeze Warning: Zapata, Jim Hogg, Brooks, Kenedy

From 3 pm Tuesday until 12 pm Wednesday

Freeze Warning: Starr, Hidalgo, Inland Willacy, Inland Cameron

From 9 pm Tuesday until 9 am Wednesday

Winter Weather Advisory: Zapata, Jim Hogg, Brooks, Kenedy

From 3 pm Tuesday until Noon Wednesday

Winter Weather Advisory: Starr, Hidalgo, Inland Willacy, Inland Cameron

From 9 pm Tuesday until 9 am Wednesday

Maps are getting colorful and we're running out of room...so here's a list of the inland warnings and advisories starting this morning and continuing into Wednesday. Bottom line, there's a strong cold front bringing arctic air down to the surface as far south as Brownsville. Conditions will be dangerous for anyone or anything left exposed. From people to pets, plants to pipes - make sure everything is secured, warmed, sheltered and prepared for the next few nights. Stay safe, stay warm!

Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
01/15/18	Winter Storm Warning Remains in Effect	Bandera, Bastrop, Bexar, Blanco, Bowie, Burnet, Caldwell, Camp, Cass, Cherokee, Comal, Edwards, Fayette, Franklin, Gillespie, Gonzales, Gregg, Guadalupe, Harrison, Hays, Kendall, Kerr, Kimble, Kinney, Lee, Llano, Marion, Mason, Menard, San Saba, Sutton, Medina, Morris, Panola, Real, Rusk, Smith, Titus, Travis, Upshur, Uvalde, Williamson and Wood Counties
01/15/18	Winter Storm Warning	Austin, Bandera, Bastrop, Bexar, Blanco, Brazos, Burleson, Burnet, Caldwell, Colorado, Comal, Edwards, Fayette, Gillespie, Gonzales, Grimes, Guadalupe, Harris, Hays, Houston, Kendall, Kerr, Kinney, Lee, Liberty, Llano, Madison, Medina, Montgomery, Polk, Real, San Jacinto, Travis, Trinity, Uvalde, Walker, Waller, Washington and Williamson Counties
01/15/18	Freeze Warning Remains in Effect	Brooks, Calhoun, Cameron, Goliad, Hidalgo, Jasper, Jim Hogg, Newton, Refugio, Starr, Tyler, Victoria, Willacy and Zapata Counties
01/16/18	Winter Storm Warning	Angelina, Bowie, Camp, Cass, Cherokee, Franklin, Gregg, Harrison, Marion, Nacogdoches, Panola, Rusk, Smith, Titus, Upshur and Wood Counties

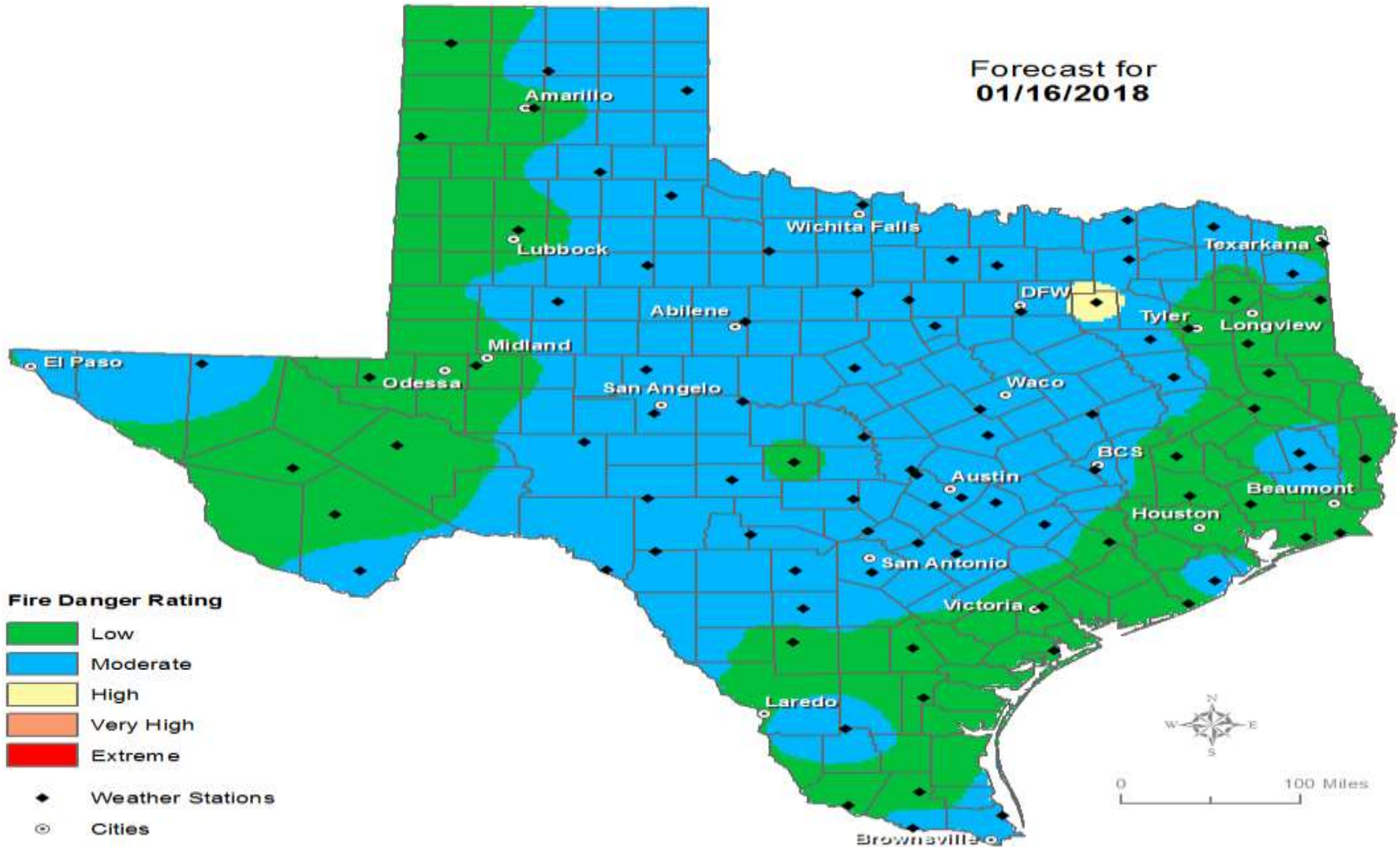
Weather Warning/Advisories Issued

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01/15/18	High Wind Warning Remains in Effect	Guadalupe Pass affecting Culberson and Hudspeth Counties

Fire Danger Forecast

Forecast Fire Danger

Forecast for
01/16/2018



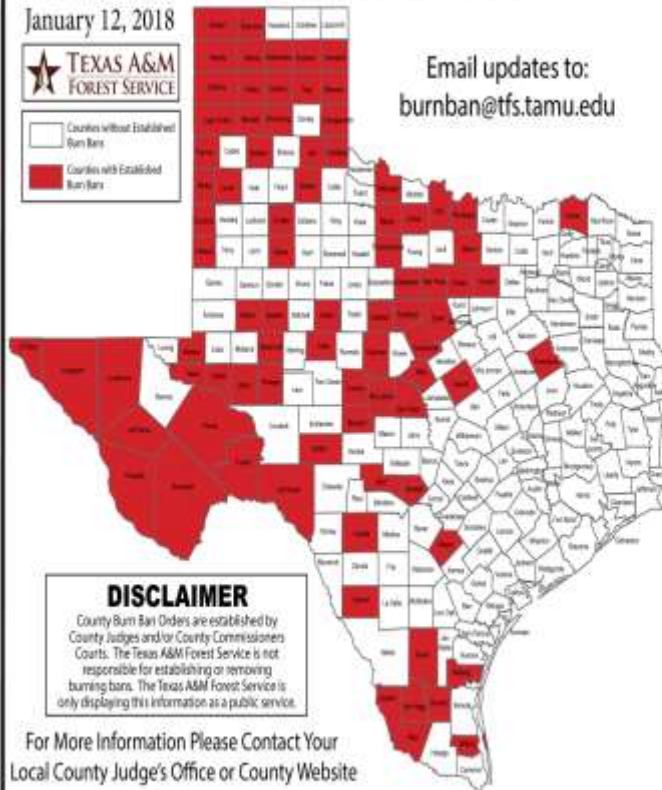
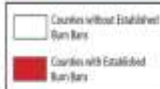
Burn Bans and KBDI INDEX

OUTDOOR BURN BANS

January 12, 2018



Email updates to:
burnban@tfs.tamu.edu



DISCLAIMER

County Burn Ban Orders are established by County Judges and/or County Commissioners Courts. The Texas A&M Forest Service is not responsible for establishing or removing burning bans. The Texas A&M Forest Service is only displaying this information as a public service.

For More Information Please Contact Your
Local County Judge's Office or County Website

RED FLAG WARNINGS: www.weather.gov

Burn Ban RSS feed available at <http://tfsrpt.tamu.edu/wildfires/BurnBan.xml>

Counties with Burn Bans: 83

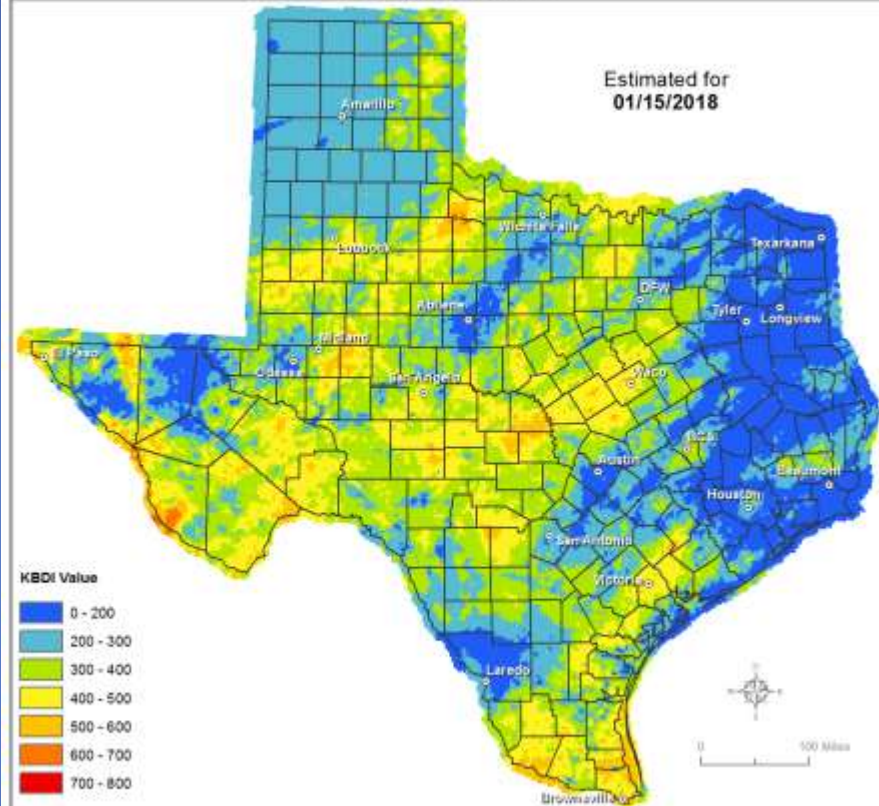
Archer
Armstrong
Baylor
Brewster
Brooks
Caldwell
Carson
Childress
Clay
Cochran
Coke
Coleman
Collingsworth
Comanche
Concho
Coryell
Cottle
Crosby
Culberson
Dallas
Deaf Smith
Denton
Dove
Eastland
El Paso
Erath
Freestone
Garza
Glasscock
Gray
Hall
Hartley
Hemphill
Howard
Hudspeth
Hutchinson
Jeff Davis
Jim Hogg
Kendall
Kerr
Kleberg
Lamar
Lamb
Martin
McCluskey
Menard
Mills
Morrison
Noel

1 - Burn Ban effect begins after flag warning day
2 - Burn Ban effect ends at 10:00 PM on warning day

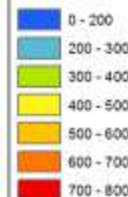
Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for
01/15/2018



KBDI Value



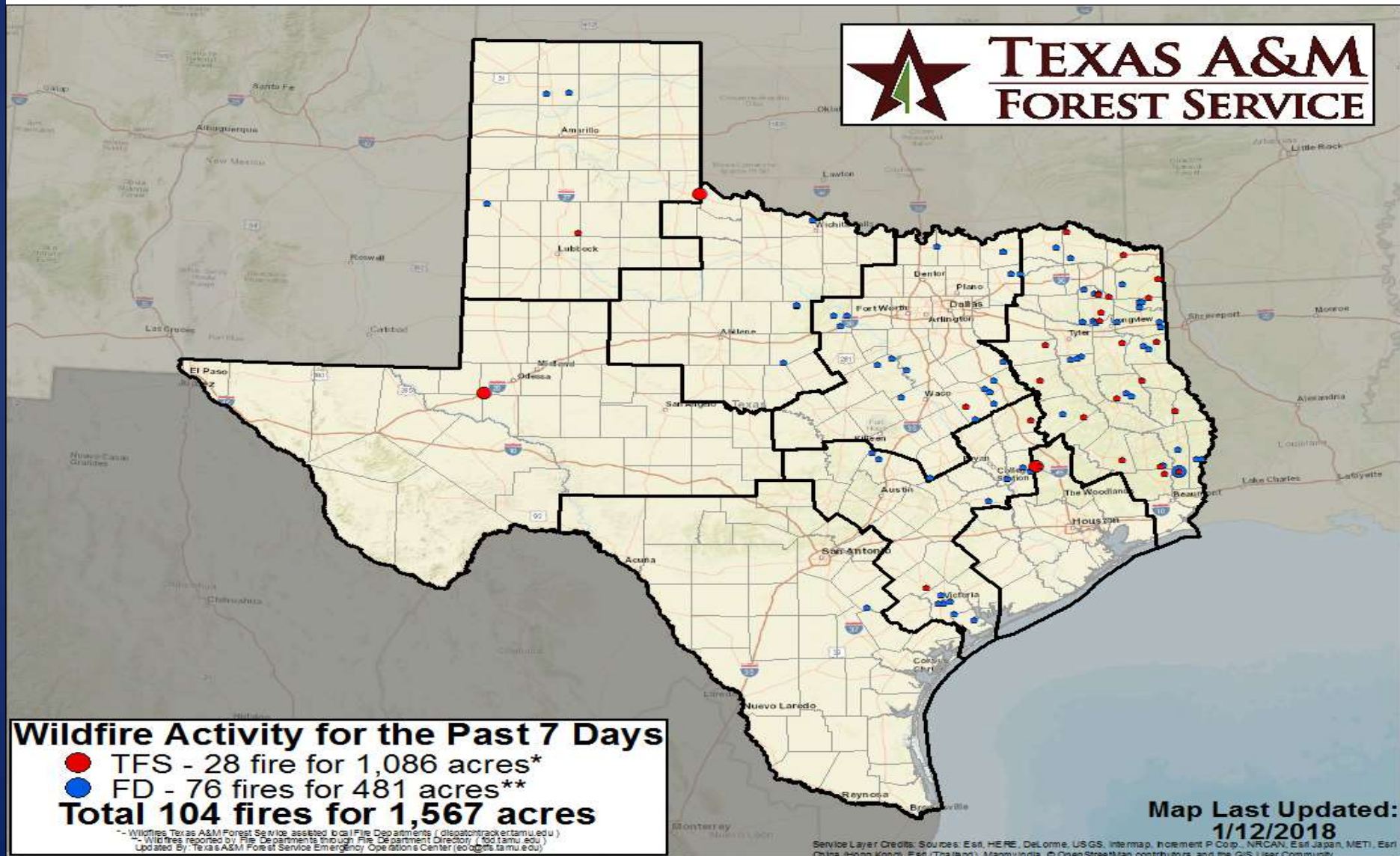
TEXAS A&M
AGRI LIFE
RESEARCH

Produced by TAMU Spatial Sciences Laboratory
in partnership with Texas A&M Forest Service

TEXAS A&M
FOREST SERVICE

Fire Activity (*Last 24 Hours)

Reports 36 (no change) fires and 1,227 (no change) acres destroyed this year. There are 83 (no change) counties with burn bans. The Keetch-Byram Drought Index list 37 (no change) counties with an average over 400.



Training

DATES		TITLE	COURSE	LOCATION
01/10/18	01/24/18	Community Emergency Response Team (CERT) Course	G-317	San Marcos
01/11/18	03/29/18	Community Emergency Response Team (CERT) Course	G-317	Yorktown
01/15/18	01/19/18	NIMS ICS All-Hazards Incident Commander (IC) Course	E/L-950	Coppell

Exercises

DATE(S)		AGENCY/LOCATION	EXERCISE
01/01/18	01/28/18	United States Coast Guard Sector Houston-Galveston	CPOD 2018 Central Point Dispensing Tabletop Exercise